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Intel Legal Team

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Page 1 of 16

Urgent

Confidential

Date: 9-Jun-05

|   |                                    |                  |
|---|------------------------------------|------------------|
| <b>To:</b>                                  | <b>Fax:</b>                        | <b>Art Unit:</b> |
| Examiner: D.T. Nguyen                       | (703) 872-9306                     | 2824             |
| USPTO                                       |                                    |                  |
| <b>From:</b>                                | <b>Fax:</b>                        | <b>M/S:</b>      |
| Michael A. Proksch                          | 503-264-1729                       | JF3-147          |
| Intel Corporation                           |                                    |                  |
| <b>Subject:</b> Application No.: 10/620,469 | <b>Docket #:</b> P15523            |                  |
| <b>Filed:</b> July 15, 2003                 | <b>Inventor:</b> Timothy S. Beatty |                  |

I hereby certify that the below listed correspondence is being facsimile transmitted to the USPTO to: Mail Stop: Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on June 9, 2005.

Derek S. Watson Date: June 9, 2005



Message:

Included in this transmission:  
 Fax Cover Sheet (1 page)  
 Transmittal (1 page)  
 Fee Transmittal (1 page submitted in duplicate)  
 Request for Three-Month Extension of Time (1 page)  
 Response to Office Action (11 pages)

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

|  |    |                        |                   |
|--|----|------------------------|-------------------|
|  |    | Application Number     | 10/620,469        |
|  |    | Filing Date            | July 15, 2003     |
|  |    | First Named Inventor   | Timothy S. Beatty |
|  |    | Art Unit               | 2824              |
|  |    | Examiner Name          | Nguyen, Dang T.   |
| Total Number of Pages in This Submission | 16 | Attorney Docket Number | P15523            |

## ENCLOSURES (Check all that apply)

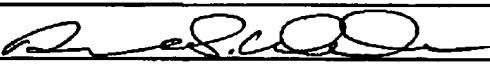
|   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input checked="" type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks   |  |  |

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|              |   |          |        |
|--------------|---|----------|--------|
| Firm Name    | Intel Corporation                         |          |        |
| Signature    | s/ Michael A. Proksch / Reg. No. 43,021 / |          |        |
| Printed name | Michael A. Proksch                        |          |        |
| Date         | June 9, 2005                              | Reg. No. | 43,021 |

## CERTIFICATE OF TRANSMISSION/MAILING

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|                       |   |      |            |
|-----------------------|---|------|------------|
| Signature             |  |      |            |
| Typed or printed name | Derek S. Watson   | Date | 06-09-2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04v2)  
Approved for use through 07/31/2006. OMB 0651-0032

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).  
**FEE TRANSMITTAL**  
For FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

1020.00

**Complete if Known**

|                      |                   |
|----------------------|-------------------|
| Application Number   | 10/620,469        |
| Filing Date          | July 15, 2003     |
| First Named Inventor | Timothy S. Beatty |
| Examiner Name        | Nguyen, Dang T.   |
| Art Unit             | 2824              |
| Attorney Docket No.  | P15523            |

**METHOD OF PAYMENT** (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: 50-0221 Deposit Account Name: Intel Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17  Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   | _____          |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    | _____          |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    | _____          |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   | _____          |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     | _____          |

**2. EXCESS CLAIM FEES**Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims |          |
|--------------|--------------|----------|---------------|---------------------------|----------|
|              |              |          |               | Fee (\$)                  | Fee (\$) |
| - 20 or HP = | x 50.00      | =        |               | 50                        | 25       |

HP = highest number of total claims paid for, if greater than 20.

| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims |               |
|---------------|--------------|----------|---------------|---------------------------|---------------|
|               |              |          |               | Fee (\$)                  | Fee Paid (\$) |
| - 3 or HP =   | x 200.00     | =        |               |                           |               |

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
|              |              |  | Fee (\$) | Fee Paid (\$) |
| - 100 =      | / 50 =       | (round up to a whole number) x                   |          | =             |

**4. OTHER FEE(S)**Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$)Other (e.g., late filing surcharge): Request for Three-Month Extension of Time 1020.00**SUBMITTED BY**

|                   |   |   |                        |
|-------------------|---|---|------------------------|
| Signature         | s/ Michael A. Proksch / Reg. No. 43,021 | Registration No.<br>(Attorney/Agent) 43,021 | Telephone 503-264-3059 |
| Name (Print/Type) | Michael A. Proksch                      |   | Date June 9, 2005      |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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JUN 09 2005

Attorney Docket No.: P15523

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Beatty, et al. )  
Application No: 10/620,469 )  
Filed: July 15, 2003 )  
For: A MEMORY DRIVER ARCHITECTURE AND )  
ASSOCIATED METHODS )  
Mail Stop: Amendment  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Examiner: Nguyen, Dang T.

Art Unit: 2824

AMENDMENT AND RESPONSE

Dear Sir:

This response is provided to the Office Action (hereafter, the Action) mailed December 10, 2004. Filed herewith is a petition for a three (3) month extension of time, extending the effective period for reply to June 10, 2005. In view of the following amendments and subsequent remarks, favorable reconsideration of the above captioned application is respectfully requested.

Atty. Docket No. P15523

-1-

Art Unit 2824